

ABSTRACT OF THE DISCLOSURE

In a system and method for bulge forming an article including a shaped portion from blank stock, the system includes a cage section adapted to enable the blank stock to be positioned and enclosed therein, and a die element, for enabling the shaped portions of the article to be formed thereagainst, adapted to be enclosed in the cage sections. The system further includes a flexible member, adapted to be enclosed in the cage sections, and to bulge therein upon the application of pressure to the flexible member. The flexible member is also adapted to push into and exert pressure on the blank, and to bend the blank relative to the die element to form the shaped portion of the article. The system also includes a flexible tube, for enabling expansion of the flexible member upon pumping a pressure exerting medium therethrough into the flexible member, to exert pressure on the blank and form the shaped portion of the article against the die element.